Abstract

The present invention relates to an injection nozzle for an internal combustion engine, in particular in a motor vehicle, having a nozzle needle for controlling an injection of fuel through at least one injection orifice and an actuator for driving a coupling piston (15). The nozzle needle or a needle unit (10) including the nozzle needle has a control surface (19) that at least partially delimits a control chamber (18). The control chamber (18) communicates with a coupling chamber (16) that is at least partially delimited by the coupling piston (15).

The design of the injection nozzle is simplified if the control surface (19) is situated at the end of the nozzle needle or nozzle unit (10) oriented away from the at least one injection orifice and the actuator drives the coupling piston (15) to open the nozzle needle in such a way that a volume of the coupling chamber (16) increases.

(Fig. 2)